

ABSTRACT OF THE DISCLOSURE

A plastics processing machine for producing fiber-containing thermoplastics includes an extruder, and a scale assembly having a weighing plate for determining an amount of fiber to be supplied to the extruder. A fiber feeding device supplies fibers from a take-off unit into the extruder and includes a first fiber guide unit, which is securely fixed to the weighing plate, for removing the fibers from the take-off unit, and a second fiber guide unit which is decoupled from the weighing plate and so constructed as to route the fibers between the first and second guide units in a substantially perpendicular relationship to a gravitational force.